

ABSTRACT OF THE DISCLOSURE

Reverse sectorization is implemented by subscriber units with directionality and wireless system access points using substantially uniform transmission coverage. Each access point has at least one omnidirectional antenna forming a substantially uniform coverage area around the access point. Each subscriber unit has at least one directional antenna forming a directional coverage area. Subscriber units communicate with a particular access point through transmissions between the subscriber unit directional antenna and the omnidirectional antenna for the particular access point. The directional antenna may include a plurality of antenna patches with the subscriber unit selecting at least one antenna patch as the directional antenna. The directional antenna may also be positioned to optimize transmissions between the subscriber unit and the particular access point.